

BRUHATH BANGALORE MAHANAGARA PALIKE
YELAHANKA ZONE ELECTRICAL DIVISION

Office of the Executive Engineer
Electrical Division, Yelahanka Zone
Bruhath Bengaluru Mahanagara Palike

"Schedule B"

Name of the work :- Annual Maintenance and Repairs of Electrical Installation to BBMP buildings coming Under Yalahanka Division

Sl. No	Qty	Description Of Work	Unit	Quoted Rates	
				In figures	In words
1	220	Licenced electricial wiremen with tools (Skilled) Rs.605.56/Person/Day. KAE31LMW 2017 Dated 30-12-2017 Minium Wages and VDA From 01-04-2021 to 31-03-2022	Per Day	605.56	Rupees Six Hundred Five And Paise Fifty Six Only
2	220	Assistant electricial wiremen (semiSkilled) Rs.556.63/Person/Day. KAE31LMW 2017 Dated 30-12-2017 Minium Wages and VDA From 01-04-2021 to 31-03-2022	Per Day	556.53	Rupees Five Hundred Fifty Six And Paise Fifty Three Only
3	70	Supplying and fixing/replacing of 6/16/32Amps electrical accessories on existing switch board.6Amps SP Switch	Nos	3.00	Rupees Three Only
4	15	Supplying and fixing/replacing of 6/16/32Amps electrical accessories on existing switch board.6Amps 3 way 5 pin Socket	Nos	5.00	Rupees Five Only
5	10	Supplying and fixing/replacing of 6/16/32Amps electrical accessories on existing switch board.6Amps 3 pin Top	Nos	3.00	Rupees Three Only
6	10	Supplying and fixing/replacing of 6/16/32Amps electrical accessories on existing switch board.6 Amps bell push	Nos	3.00	Rupees Three Only
7	15	Supplying and fixing/replacing of 6/16/32Amps electrical accessories on existing switch board.16 Amps SP switch	Nos	5.00	Rupees Five Only
8	10	Supplying and fixing/replacing of 6/16/32Amps electrical accessories on existing switch board.16 Amps 3 way 5 pin socket	Nos	5.00	Rupees Five Only
9	10	Supplying and fixing/replacing of 6/16/32Amps electrical accessories on existing switch board 16 Amps 3 pin top	Nos	5.00	Rupees Five Only
10	10	Supplying and fixing/replacing of 6/16/32Amps electrical accessories on existing switch board.32 Amps Bakelite DP	Nos	20.00	Rupees Twenty Only
11	15	Supplying and fixing/replacing of 6/16/32Amps electrical accessories on existing switch board.16/6 Amps combined plug and socket with control switch	Nos	25.00	Rupees Twenty Five Only
12	20	Supplying and fixing/replacing of 6/16/32Amps electrical accessories on existing switch board.Electronic stepped regulator.	Nos	20.00	Rupees Twenty Only
13	50	Supplying and fixing of PVC casing and capping on the wall or ceiling using necessary materials like bends, junction box, elbows, screws at an interval of 300mm etc. as required.20mm	Mtrs	2.00	Rupees Two Only
14	50	Supplying and fixing of PVC casing and capping on the wall or ceiling using necessary materials like bends, junction box, elbows, screws at an interval of 300mm etc. as required.25mm	Mtrs	3.00	Rupees Three Only




ಅಧ್ಯಕ್ಷ ಮಹಾನಗರ ಪಾಲಿಕೆ

(ವಿದ್ಯುತ್) ಮಾಲಕ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

15	180	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694:confirming to latest amendments.1.5 sqmm	Mtrs	3.00	Rupees Three Only
16	150	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694:confirming to latest amendments.2.5sqmm	Mtrs	5.00	Rupees Five Only
17	5	Supplying and fixing surface/flush mounting unbreakable PVC modular box suitable for mounting modular switch plates with due groove cutting in Brick/C.C wall, including necessary rawl plugs, Machine/NF screws etc., complete.1-3Way	Nos	2.00	Rupees Two Only
18	5	Supplying and fixing surface/flush mounting unbreakable PVC modular box suitable for mounting modular switch plates with due groove cutting in Brick/C.C wall, including necessary rawl plugs, Machine/NF screws etc., complete.4-5Way	Nos	2.00	Rupees Two Only
19	5	Supplying and fixing surface/flush mounting unbreakable PVC modular box suitable for mounting modular switch plates with due groove cutting in Brick/C.C wall, including necessary rawl plugs, Machine/NF screws etc., complete.6Way	Nos	5.00	Rupees Five Only
20	5	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box.1 to 3 Module	Nos	2.00	Rupees Two Only
21	5	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box.4 Module	Nos	3.00	Rupees Three Only
22	5	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box.6 Module	Nos	5.00	Rupees Five Only
23	15	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854 and IS 1293 6Amps one way Switch	Nos	2.00	Rupees Two Only
24	15	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854 and IS 1293 6Amps one way Switch 6Amps 3way socket	Nos	3.00	Rupees Three Only
25	10	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854 and IS 1293 6Amps one way Switch Stepped Fan Regulator	Nos	20.00	Rupees Twenty Only
26	15	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854 and IS 1293.16Amps one way switch	Nos	10.00	Rupees Ten Only
27	15	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854 and IS 1293 6/16Amps universal socket	Nos	10.00	Rupees Ten Only
28	3000	Supplying 4mm thick plastic sheet with necessary niches for fixing switches, regulators etc., and fixing on existing wooden or metal box using N.F. screws.	Sq Cm	0.01	Rupees And Paise One Only

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(ವಿದ್ಯುತ್) ವಿಭಾಗ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

29	1	Supplying fully automatic star-delta starter unit push button type with suitable wires, 3 contactors, one adjustable thermal timer mounted on a common base plate held in steel enclosure for use on 400/440 volts 3 phase and wired after fixing to the existing wooden board for motor upto 12.5 HP	Nos	3000.00	Rupees Three Thousand Only
30	1	Supplying push button operated direct online starter with an antiweld silver cadmium oxide contactor with replaceable fixed and moving contacts and bimetallic thermal overload relay help in anticorrosion treated sheet steel or iron clad enclosure and fixing the same to suitable capacity wires for 230/440 volts 1/3 phase motor upto 5 HP.	Each	900.00	Rupees Nine Hundred Only
31	8	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898.6-32Amps SP	Nos	50.00	Rupees Fifty Only
32	6	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898.6-32 Amps DP	Nos	100.00	Rupees One Hundred Only
33	3	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898.40 Amps TPN	Nos	500.00	Rupees Five Hundred Only
34	100	Supplying of 1.1 KV LT UG cable XLPE or Heat resistant PVC insulated, PVC extruded Inner sheath armoured UG LT cable as per IS-1554 (Part-1) or IS-7098 Part-1, Armouring strip thickness in average +5% and resistivity 14 Ohms/Kms (Max) as per IS-3975 3.5 core 25 sqmm	Mtrs	100.00	Rupees One Hundred Only
35	100	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required. On wall / Structure 25 sqmm to 75 sqmm	Mtrs	5.00	Rupees Five Only
36	75	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., complete. (As per Civil SR KSRB I-2, P-7) In soil (ordinary)	Mtrs	5.00	Rupees Five Only
37	15	Supply and wrapping the conductor with camabrick tape roll.	Per roll	5.00	Rupees Five Only
38	10	Supplying capacitor type ceiling fan complete with down rod blades, shackle, canopies etc., for operation on 230 volts, 50 cycles. Single phase AC supply conforming to ISS-374- 1979 and with double ball bearing system 48" Sweep (1200mm) Regular model	Nos	1600.00	Rupees One Thousand Six Hundred Only
39	5	Supplying wall mounting fan suitable to operate at single-phase 230v A.C. supply. 400mm Sweep	Nos	2500.00	Rupees Two Thousand Five Hundred Only
40	100	Supplying and drawing UTP-CAT 6E LAN cable.	Mt.	10.00	Rupees Ten Only

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(ವಿದ್ಯುತ್) ಯಂತ್ರಕರ್ತ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

41	25	Supplying of feet - PVC Batten with integrated LED tube W with high quality diffuser with Life of 25000 burning hours & 70% lumen maintenance with CRI > 80. Power Input: 220-240V @ 50/60Hz & Power factor >0.9 along with CE approved. 2 years Warranty against any manufacturing defect working under standard electrical condition.LED light fighting 1 x4'- 20/22 w	Nos	250.00	Rupees Two Hundred Fifty Only
42	10	Supplying of recess mounting non integrated type LED down light W luminaire comprising of pressure decast/ extruded aluminium housing, with spring loaded false ceiling clamps, LED of Power/COB with CCT 6500 degree K, CRI> 70%, efficacy >100 lumen per watt, 120degree beam spread, life> 25000 burning hours and Compliance to IS 10322/IEC 60598, LM 79 & LM 80. The lamp compartment is enclosed with anti glare opal diffuser which enhances the lighting level. LEDs are driven by HF electronic driver integrated in a separate control gear assembly, with PF > 0.95, power loss should < 5% of lamp wattage, short circuit & open circuit protection to be integrated in the circuit, THD less than 20%, Life as per LM 79. The operating input voltage should be between 130 to 275 volts. BIS Approved and Tested by NABL/CPRI accredited laboratory with 2 years Warranty against any manufacturing defect working under standard electrical condition 15-18W	Nos	1300.00	Rupees One Thousand Three Hundred Only
43	20	Supply of round/square recess/surface mounted rolling type LED Down light with W GU 10 LED Lamp Rib Fabricated from Die cast aluminium with white powder coated prewired to mains connector & has swiveling unit of aluminium die cast eye ball & LED Lamp position retained by circular wire spring, with Life of 25000 burning hours & 70% lumen maintenance with CRI > 80. Power Input: 220-240V @ 50/60Hz & Power factor >0.9 along with CE approved. 2 years Warranty against any manufacturing defect working under standard electrical condition LED square or round down light 15-18W	Nos	900.00	Rupees Nine Hundred Only
44	4	Supplying and fixing one of 230 volts bell or buzzer and a flush type bell push with gang box fixed on necessary wooden or rawl plugs using NF screws	Nos	5.00	Rupees Five Only
45	5	Supplying and fixing one of 230 volts Ding dong bell and a flush type bell push with gang box fixed on necessary wooden or rawl plugs using NF screws with Remote.Remote	Nos	50.00	Rupees Fifty Only
46	20	Supplying and fixing/replacing condenser for ceiling fan/MV/ SV/MH and other luminaries.8mfd	Nos	5.00	Rupees Five Only
47	15	Rewinding a ... mm ceiling fan/after using necessary gauge annealed and insulated copper wire with necessary insulating, separators vibration arresting shellac, etc including replacement of bearings if any transportation to and from the spot to workshop inclusive of releasing the refixing.1200MM	Nos	10.00	Rupees Ten Only
48	100	Supplying and fixing/replacing of fluorescent tube.18 to 40Watts	Nos	1.00	Rupee One Only

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 (ವಿದ್ಯುತ್) ಯಶವಂತ
 ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

49	25	Supplying and fixing of 20/40 Watts heavy duty open construction Ferromagnetic copper ballast for fluorescent tubes : Supplying and fixing of 20/40 Watts heavy duty open construction Ferromagnetic copper ballast for fluorescent tubes, Class H Insulated copper wire, Vacuum impregnated high quality with Low loss silicon steel lamination operated on 240V,50Hz supply with IEC 60920 (Safety) & IEC 60921(Performance). Operating voltage range from 180V to 265V, 50Hz AC power Supply.	No	2.00	Rupees Two Only
50	75	Supplying & Fixing of 230 Volts 20/40 watts starter for Fluorescent Lamp	No	1.00	Rupee One Only
51	25	Supplying & Fixing of 230 Volts 20/40 watts Fluorescent Lamp holder	No	1.00	Rupee One Only
52	5	Supplying & fixing LED Drivers suitable for 5700K LED fitting Indoor Fixtures. Operating voltage range from 180V to 265V, 50Hz AC power Supply 9W to 12W 5700K suitable for indoor LED fitting.	No	10.00	Rupees Ten Only
53	5	Supplying & fixing LED Drivers suitable for 5700K LED fitting Indoor Fixtures. Operating voltage range from 180V to 265V, 50Hz AC power Supply 15W to 18W 5700K suitable for indoor LED fitting.	No	15.00	Rupees Fifteen Only
54	55	Fixing all types and all capacities of fluorescent / false ceiling / spot light / CFL / LED fittings indoor on the wall / ceiling / rafters / girders using 23/0.0076" twin twisted PVC insulated wires, required Nos of round blocks and clamps. On wall / ceiling / Rafter / Girders	No	5.00	Rupees Five Only
55	10	Fixing a ceiling / Wall mounting fan of all capacities and all types to the existing 'S' hook with fan regulator to the existing board together with supplying and fixing 5 amps. ceiling rose, necessary length of 23 / 0.0076 inch PVC insulated twin twisted copper wire and wiring.	Each	5.00	Rupees Five Only
56	5	Fixing a ceiling / wall mounting fan of all capacities and all types, with necessary clamps and 'S' hook made out of 15mm dia MS rod, with 5 amps. ceiling rose of approved quality with necessary length of 23 / 0.0076 inch PVC insulated twin twisted wire of approved quality, mounted on a suitable size wooden board and wired.	Each	5.00	Rupees Five Only

I am prepared to take up the above work at rates quoted in the Schedule 'B'



Contractor



EXECUTIVE ENGINEER
(ELEC)
BBMP, Yelahanka Zone